The total direct costs of hospitalizations and emergency room visits were over $4.7 billion in 2012.

Diabetes is the seventh leading cause of death in South Carolina, claiming 1,186 lives in 2012.

**Diabetes in South Carolina**
- Approximately 421,549 adults in South Carolina are diagnosed with diabetes. African Americans have a 42% higher prevalence than Whites.
- The total direct costs of hospitalizations and emergency room visits were over $4.7 billion in 2012.
- Diabetes is the seventh leading cause of death in South Carolina, claiming 1,186 lives in 2012.

**Behavioral Risk Factors**
- Major behavioral risk factors, such as obesity and physical inactivity are partially responsible for development of type 2 diabetes (Fig 1).

**Diabetes Prevalence**
- An estimated 10% of adults in Region 8 suffer annually from diabetes (Fig 2).

**Hospital and Emergency Room Discharges**
- In 2012, there were 214 hospitalizations for diabetes in Beaufort County for all ages.
- There were an additional 2473 hospital discharges with diabetes-related conditions in Beaufort County.
- In 2012, there were 333 emergency room (ER) visits for diabetes as the primary diagnosis, among which 206 (62%) were by African-American patients.

There were 3803 ER visits for diabetes as a related condition.

**Fig. 3. Diabetes ER & Hospitalization Charges, Beaufort County, 2012**

Medicare paid for 48% of the ER and Hospitalization charges in Beaufort County (Fig 3).
Complications
- 43% of patients hospitalized in SC for diabetes had complications in 2012; 37% of hospitalizations in Beaufort County (Table 1).
- In 2011, more than 74% of people in SC with diabetes had hypertension, compared with only 30% of people without diabetes.

<table>
<thead>
<tr>
<th>Diabetes Complication</th>
<th>Hospital Admissions</th>
<th>Percent of Diabetes Hospital Admissions</th>
<th>Total Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renal Failure</td>
<td>743</td>
<td>28%</td>
<td>$23,164,800</td>
</tr>
<tr>
<td>Lower Extremity Amputation</td>
<td>19</td>
<td>1%</td>
<td>$799,500</td>
</tr>
<tr>
<td>Ketoacidosis</td>
<td>84</td>
<td>3%</td>
<td>$1,674,300</td>
</tr>
<tr>
<td>Retinopathy</td>
<td>123</td>
<td>5%</td>
<td>$3,947,200</td>
</tr>
</tbody>
</table>

- In 2011, more than 67% of people with diabetes had high cholesterol.
- 2012, the rates for lower extremity amputations among blacks in SC were 3times the rates among whites.

Mortality
- Diabetes is the eighth leading cause of death in Beaufort County.
- A total of 25 people in Beaufort County died from diabetes in 2012.

The Beaufort County mortality rate was 10/100,000 in 2012, below the state average.
- Beaufort County ranks #46 in diabetes mortality in South Carolina 2010-2012.

For More Information about diabetes contact:
Division of Diabetes, Heart Disease, Obesity and School Health
DHEC Bureau of Community Health and Chronic Disease Prevention
(803) 898-1635

Diabetes Initiative of South Carolina
http://www.musc.edu/diabetes/

For more details, please view the Technical Document below
http://www.scdhec.gov/hs/epidata/state_reports.htm

Data Sources:
Behavioral Risk Factors and Diabetes Prevalence:
SC BRFSS

Mortality Data:
Vital Statistics, DHEC Division of Biostatistics 803-898-3627

Hospital Discharges and ER Visits:
Office of Research and Statistics SC Budget and Control Board (803) 898-9940